

Title (en)

FUSED STEM CELLS USEFUL FOR THE TREATMENT OF DIABETES AND METHODS THEREOF

Title (de)

FUSIONIERTE STAMMZELLEN ZUR BEHANDLUNG VON DIABETES UND VERFAHREN DAFÜR

Title (fr)

CELLULES SOUCHES FUSIONNÉES UTILISÉES DANS LE TRAITEMENT DU DIABÈTE ET MÉTHODES ASSOCIÉES

Publication

EP 2061874 A4 20100106 (EN)

Application

EP 07861344 A 20070919

Priority

- US 2007020359 W 20070919
- US 84571206 P 20060919

Abstract (en)

[origin: WO2008036349A2] Methods disclosed include methods of treating T1DM, said method comprising delivering a therapeutic amount of β -MSC to a subject in need thereof. Further disclosed are fusion cells comprising and MSC and a second cell wherein the nuclei of the MSC and the second cell are not fused in the fusion cell.

IPC 8 full level

C12N 5/00 (2006.01); **C12N 5/16** (2006.01); **A61K 35/12** (2015.01)

CPC (source: EP US)

A61P 3/10 (2017.12 - EP); **C12N 5/16** (2013.01 - EP US); **A61K 35/12** (2013.01 - EP US); **A61K 2035/128** (2013.01 - EP US); **C12N 2510/00** (2013.01 - EP US)

Citation (search report)

- [XDA] ISLAM M Q ET AL: "Functional characterization of cell hybrids generated by induced fusion of primary porcine mesenchymal stem cells with an immortal murine cell line", CELL AND TISSUE RESEARCH, SPRINGER, BERLIN, DE, vol. 326, no. 1, 2 June 2006 (2006-06-02), pages 123 - 137, XP019428284, ISSN: 1432-0878
- [XA] GARBADE J ET AL: "Fusion of bone marrow-derived stem cells with cardiomyocytes in a heterologous in vitro model", EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, SPRINGER VERLAG, BERLIN, DE, vol. 28, no. 5, 1 November 2005 (2005-11-01), pages 685 - 691, XP025301572, ISSN: 1010-7940, [retrieved on 20051101]
- [IA] HE X ET AL: "A stem cell fusion model of carcinogenesis", JOURNAL OF EXPERIMENTAL THERAPEUTICS AND ONCOLOGY, RAPID SCIENCE PUBLISHERS, LONDON, GB, vol. 5, no. 2, 1 January 2005 (2005-01-01), pages 101 - 109, XP009109511, ISSN: 1359-4117
- [AP] YOSHIDA ET AL: "TPA-induced multinucleation of a mesenchymal stem cell-like clone is mediated primarily by karyokinesis without cytokinesis, although cell-cell fusion also occurs", EUROPEAN JOURNAL OF CELL BIOLOGY, WISSENSCHAFTLICHE VERLAGSGESELLSCHAFT, STUTTGART, DE, vol. 86, no. 8, 29 July 2007 (2007-07-29), pages 461 - 471, XP022174644, ISSN: 0171-9335
- See references of WO 2008036349A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008036349 A2 20080327; **WO 2008036349 A3 20080626**; AT E544846 T1 20120215; CA 2693382 A1 20080327; CA 2693382 C 20130917; DK 2061874 T3 20120529; EP 2061874 A2 20090527; EP 2061874 A4 20100106; EP 2061874 B1 20120208; US 2010034866 A1 20100211; US 2012148551 A1 20120614; US 8119120 B2 20120221; US 8372641 B2 20130212

DOCDB simple family (application)

US 2007020359 W 20070919; AT 07861344 T 20070919; CA 2693382 A 20070919; DK 07861344 T 20070919; EP 07861344 A 20070919; US 201213399750 A 20120217; US 31109007 A 20070919